

# इंटरनेट

# मानक

## Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 7103 (1973): Scissors, Episiotomy [MHD 3: Obstetric and Gynaecological Instruments and Appliances]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



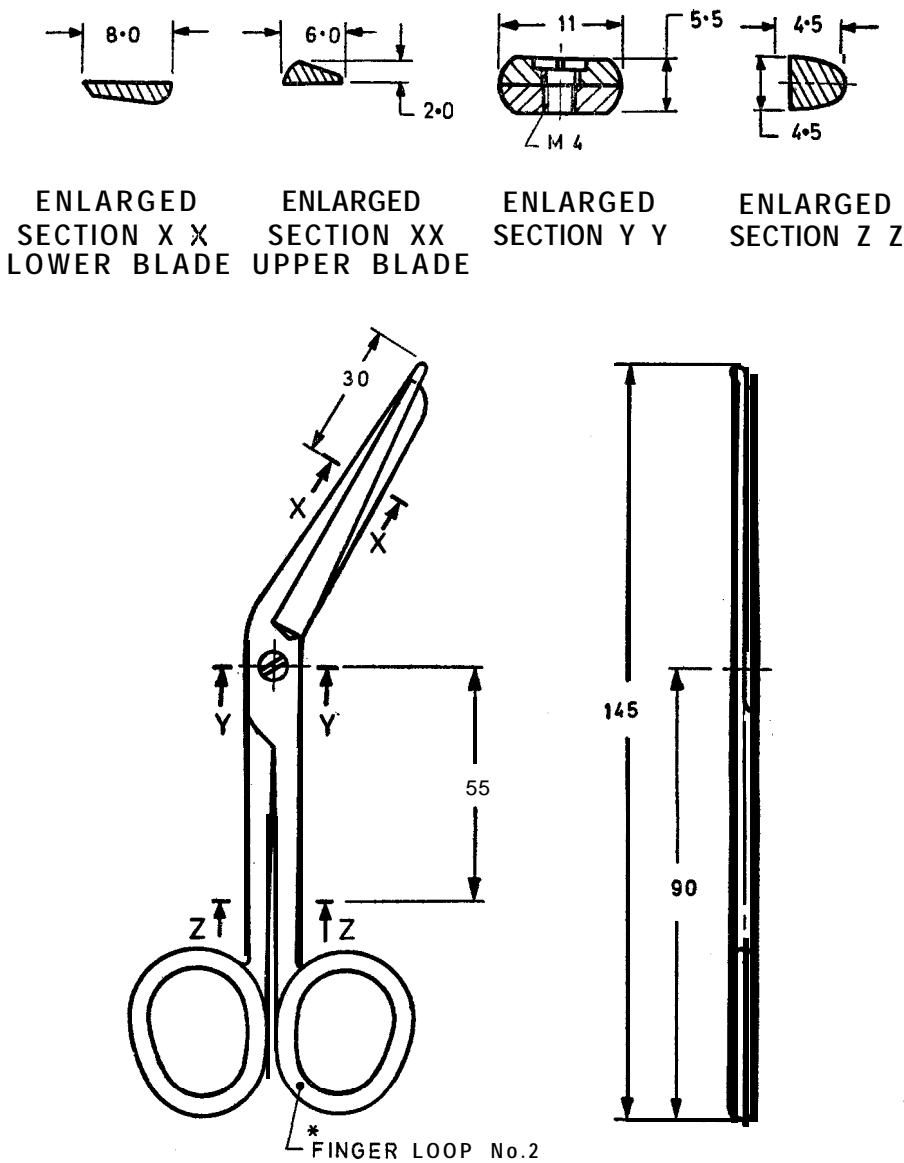
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Indian Standard  
SPECIFICATION FOR SCISSORS, EPISIOTOMY

- 1. Scope — Dimensional and other requirements for episiotomy scissors.
- 2. Shape and Dimensions- As shown in Fig. 1.



\*See IS : 3642-1966 ' General requirements for surgical instruments '.

All dimensions in millimetres.

FIG. 1 SCISSORS, EPISIOTOMY

Obstetrics and Gynaecology

**2.1 Joint** — Screw recessed type, conforming to the requirements laid down in 6 of IS : 3642-1966.

**3. Material** — Stainless steel conforming to Designation 30Cr13 of IS : 6603-1972 ' Specification for stainless steel bars and flats '.

**3.1** The screw shall also be made of stainless steel conforming to Designation 30Cr13 of IS : 6603-1972.

#### 4. Workmanship and Finish

**4.1** The scissors shall be symmetrical and well balanced.

**4.2** The blades shall open and close without stiffness and shall have a slight cross-over action to give a continuous pinch. There shall be no play at the joint.

**4.3** The scissors shall be free from cracks, seams, burrs, flaws and other defects.

**4.4** The scissors shall be finished smooth, passivated and polished bright.

**4.5** All the edges shall be even. The edges shall be rounded except the cutting edges, which shall be sharp and shall not have any feather.

**5. Heat Treatment** — The scissors shall be uniformly hardened and tempered to 550 to 600 HV.

#### 6. Tests

**6.1 Performance Test** — Use the scissors to cut wet tissue paper, teased-out cotton wool, fine hairs and frayed lint separately. The scissors shall cut them accurately and cleanly from pinch to tip and shall not show any sign of damage.

**6.2 Corrosion Resistance Test** — Scrub the scissors with soap and warm water, rinse in hot water and then dip in 95 percent ethyl alcohol. Dry the scissors, immerse in copper sulphate solution at room temperature for 6 minutes and wash with fresh water or swab with wet cotton wool.

The copper sulphate solution shall be made up as follows:

Copper sulphate ( $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ )	4.0 g
Sulphuric acid ( $\text{H}_2\text{SO}_4$ ) ( sp gr 1.84 )	10.0 g
Distilled water [ see IS : 1070-1960 Specification for water, distilled quality ( revised ) ]	90.0 ml

There shall be no red stains or spots on the scissors after the test, but dulling of the polished surface may be permitted.

**7. Marking** — The scissors shall be marked with the following:

- Manufacturer's name, initials or recognized trade-mark; and
- The words ' stainless steel '.

**7.1 ISI Certification Marking** — Details available with the Indian Standards Institution.

**8. Packing** — The scissors shall be wrapped in moisture-proof paper or packed in polyethylene bags, avoiding contact with one another.

AMENDMENT NO. 1 APRIL 1981  
TO  
IS:7103-1973 SPECIFICATION **FOR** SCISSORS, EPISIOTOMY

**Alteration**

(Page 2, *clause* 6.2) - Substitute the following for the existing clause:

**"6.2 Corrosion Resistance Test -**Test the scissors in accordance with **IS:7531-1975**  
'Method for boiling and autoclaving test for corrosion resistance **of** stainless  
**steel** surgical instrument6 '. **The scissors** shall show no sign of corrosion **after**  
the **test.**"

(CPDC 25)